

ISIS - Question #945

Spiceinit fail on hiccdstitch of HiRISE balance.cub files

2012-06-20 03:06 PM - Tammy Becker

Status:	Closed	
Priority:	Normal	
Assignee:	Tammy Becker	
Category:	Applications	
Software Version:		
Description		
External Post: https://isis.astrogeology.usgs.gov/IsisSupport/index.php/topic.3368.0.html		
Original Post Date: 23Dec2011		
Description: So I appreciate that this may be a problem only HiRISE team members have. I find myself needing to map project a hiccdstitch.cub that is the result of hiccdstitching a set of HiRISE team-produced balance.cub files. When I try and spiceinit a hiccdstitch.cub produced in this manner, I get this error: Code: spiceinit fr= ESP_011265_1560_RED.hiccdstitch.cub Group = Kernels NaifIkCode = -74699 LeapSecond = \$base/kernels/lsk/naif0009.tls TargetAttitudeShape = \$base/kernels/pck/pck00009.tpc TargetPosition = \$base/kernels/spk/de405.bsp InstrumentPointing = (\$mro/kernels/ck/mro_sc_psp_081216_081222.bc, \$mro/kernels/fk/mro_v14.tf) Instrument = \$mro/kernels/ik/mro_hirise_v11.ti SpacecraftClock = \$mro/kernels/sclk/MRO_SCLKSCET.00041.65536.tsc InstrumentPosition = \$mro/kernels/spk/mro_psp9.bsp InstrumentAddendum = \$mro/kernels/iak/hiriseAddendum006.ti ShapeModel = \$base/dems/molaMarsPlanetaryRadius0005.cub CameraVersion = 1 InstrumentPositionQuality = Reconstructed InstrumentPointingQuality = Reconstructed Error = "Keyword [ChannelNumber] does not exist in [Group = Instrument]" End_Group CAMERA ERROR Unable to initialize camera model Is there any way to fix up these labels so I can spiceinit and then project these? Or do I need to go back to basics and start with the PDS EDRs (which I know how to take up to map projection)? I'm asking because I have a lot of these, and I'd rather not have to reprocess them all.		

History

#1 - 2012-06-20 03:07 PM - Tammy Becker

One response has been recently made to the reporter:

I suspect that 'hiccdstitch' loses reference to the original spice. Going by the error that you include, the 'camera' and/or 'kernel' information is purposely removed to avoid a map projection from a product that was not intended to project...hiccdstitch output is probably considered an 'end-product'.

This issue will be transfered to our internal mantis post as a question, in case one of our smart team members know of a 'work around'....unfortunately, the fact that you are trying to avoid retracing your steps, the work around might be the same, if not, more effort.

#2 - 2012-10-18 02:12 PM - Tammy Becker

We did not come up with a work around. Closed external post w/ message to the reporter

#4 - 2013-08-15 12:47 PM - Anonymous

- *Target version changed from 150 to N/A*